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BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP
1279 OAKMEAD PARKWAY
SUNNYVALE, CA 94085-4040

EXAMINER
LINDSEY, MATTHEW S

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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on <u>02 September 2008</u>.

2a) ☐ This action is **FINAL**.　　　2b) ☒ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) <u>1-32</u> is/are pending in the application.

　　4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) <u>1-32</u> is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.

　　Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

　　Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

　　a) ☐ All　b) ☐ Some * c) ☐ None of:

　　　1. ☐ Certified copies of the priority documents have been received.

　　　2. ☐ Certified copies of the priority documents have been received in Application No. _____.

　　　3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

　　* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
　　Paper No(s)/Mail Date _____.

4) ☐ Interview Summary (PTO-413)
　　Paper No(s)/Mail Date. _____

5) ☐ Notice of Informal Patent Application

6) ☐ Other: _____.

DETAILED ACTION

1.   Claims 1-32 are pending in this application. Claims 1, 13, 24 and 29 have been

amended as filed on 2 September 2008.

Continued Examination Under 37 CFR 1.114

2.   A request for continued examination under 37 CFR 1.114, including the fee set

forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this

application is eligible for continued examination under 37 CFR 1.114, and the fee set

forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action

has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 2

September 2008 has been entered.

Claim Rejections - 35 USC § 103

3.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set
> forth in section 102 of this title, if the differences between the subject matter sought to be patented and
> the prior art are such that the subject matter as a whole would have been obvious at the time the
> invention was made to a person having ordinary skill in the art to which said subject matter pertains.
> Patentability shall not be negatived by the manner in which the invention was made.

4.   **Claims 1-7, 13-17, 24-28, and 29-31 are rejected under 35 U.S.C. 103(a) as**

being unpatentable over Viswanath (US 2004/0019662) in view of Kekic et al. (US

6,664,978 B1).

5.   With respect to Claim 1, Viswanath disclosed: "A monitoring system employed

within a network ([0024], lines 1-5) comprising:

        a file including semantics and directives to generate a monitor tree ([0025], lines

12-18) for a monitoring system compatible with Java management extensions (JMX)

([0120], lines 1-3), wherein the file is retrieved from a database ([0065], lines 9-12,

specifically "database-based") by a monitor service ([0025], lines 1-5, in order to use the

meta-information, the administration framework generator mechanism must retrieve the

meta information); where the semantics and directives define a hierarchical architecture

([0063], second col., lines 1-8) of a plurality of resources of a cluster of application

servers ([0046], lines 1-3 and [0053], lines 1-3) spanning multiple Java virtual machines

(JVMs) ([0030], lines 1-5), the semantics defining information about the monitor tree,

monitor managed beans, and resources to be monitored ([0025], lines 1-6 and 12-18),

and the directives defining how the semantics are to be implemented to form the

monitor tree ([0025], lines 1-6 and 12-18), wherein the cluster of application servers

includes multiple application server instances ([0057], lines 13-16) and a central

services instance that provides communication and synchronization among the multiple

application server instances ([0030], lines 5-8, and [0154], lines 7-13, where the central

services instance is an administration server which provides communication and

synchronization among the application servers);

the monitor tree generated based, at least in part, on the semantics and the

directives of the file ([0025], lines 1-6) to monitor the plurality of resources ([0128], lines

1-4 and Abstract, lines 5-7), wherein the monitor tree includes a hierarchical grouping of

a plurality of nodes ([0025], lines 1-6 and 14-18, where elements have hierarchical

relationships), each of the plurality of nodes having a monitor managed bean and a

resource of the plurality of resources associated with the monitor managed bean

([0024], lines 8-14 and [0021], lines 1-2) and a runtime bean associated with the

resource that interfaces the resource with the monitor managed bean ([0127], lines 9-16

and Fig. 6)" and

"a visual administrator module to provide a graphical user interface to the

monitoring system ([0087], lines 1-4, and [0153], lines 7-9, where an error message is

displayed on the administration user interface, therefore the administration UI must

graphical in order to display a message to a user)",

Viswanath did not explicitly state: "wherein each node provides an individual

report of the resources associated with the monitor managed bean of the node, where

the monitor tree enables distributed monitoring of the resources without requiring all

monitoring data to be reported to a central location" or "the visual administrator

providing access to monitoring information of each resource without requiring all

monitoring data to be reported to a central location".

However, Kekic disclosed: "wherein each node provides an individual report of
the resources associated with the monitor managed bean of the node (Col. 2, lines 33-
38), where the monitor tree enables distributed monitoring of the resources (Col. 2, lines
63-67) without requiring all monitoring data to be reported to a central location (Col. 2,
lines 33-41, agent processes monitor and control the operation of the network element
by maintaining a MIB)", and "the visual administrator providing access to monitoring
information of each resource (Col. 2, lines 39-41) without requiring all monitoring data to
be reported to a central location (Col. 2, lines 33-35, agent processes monitor and
control the operation of the network element by maintaining a MIB)".

It would have been obvious to one of ordinary skill in the art at the time of the
invention to modify the server administration system of Viswanath with the teachings of
Kekic to include support for each node to provide an individual report of its resources
without requiring all monitoring data to be reported to a central location. Motivation to
combine these references comes from Kekic where: "SNMP is an industry standard for
managing heterogeneous TCP/IP-based computer network elements from a single
management application" (Col. 1, lines 63-65). SNMP includes agents, as described by
Kekic Col. 2, lines 33-41, which maintain a database reflecting the status of the network
element. Therefore by combining the references, the server administration system of
Viswanath can use industry standards for managing heterogeneous TCP/IP-based
computer networks.

6.   With respect to Claim 13, Viswanath disclosed: "A computer-implemented

method employed within a network ([0024], lines 1-5) comprising:

accessing a file in a database ([0065], lines 9-12, specifically "database-based",

and [0025], lines 1-5, in order to use the meta-information, the administration framework

generator mechanism must access the meta information), the file having semantics and

directives to generate a monitor tree ([0025], lines 12-18) for a monitoring system

compatible with Java management extensions (JMX) ([0120], lines 1-3) to individually

monitor a plurality of resources within the network ([0128], lines 1-4 and Abstract, lines

5-7) where the semantics and directives define a hierarchical architecture ([0063],

second col., lines 1-8) of the plurality of resources of a cluster of application servers

([0046], lines 1-3 and [0053], lines 1-3) spanning multiple Java virtual machines (JVMs)

([0030], lines 1-5), the semantics defining information about the monitor tree, monitor

managed beans, and resources to be monitored ([0025], lines 1-6 and 12-18), and the

directives defining how the semantics are to be implemented to form the monitor tree

([0025], lines 1-6 and 12-18), wherein the cluster of application servers includes multiple

application server instances ([0057], lines 13-16) and a central services instance that

provides communication and synchronization among the multiple application server

instances ([0030], lines 5-8, and [0154], lines 7-13, where the central services instance

is an administration server which provides communication and synchronization among

the application servers);

generating the monitor tree based, at least in part, on the semantics and the

directives of the file ([0025], lines 1-6), the monitor tree to monitor the plurality of

resources ([0025], lines 14-18, where an hierarchical relationship implies a plurality of

nodes), wherein the monitor tree includes a hierarchical grouping of a plurality of nodes

([0025], lines 1-6 and 14-18, where elements have hierarchical relationships), each of

the plurality of nodes having a monitor managed bean and a resource of the plurality of

resources associated with the monitor managed bean ([0024], lines 8-14 and [0021],

lines 1-2) and a runtime bean associated with the resource that interfaces the resource

with the monitor managed bean ([0127], lines 9-16 and Fig. 6)" and

"each of the plurality of nodes having a monitor managed bean and a resource of

the plurality of resources associated with the monitor managed bean ([0024], lines 8-

14)".

Viswanath did not explicitly state: "wherein each node provides an individual

report of the resources associated with the monitor managed bean of the node, where

the monitor tree enables distributed monitoring of the resources without requiring all

monitoring data to be reported to a central location", or "and displaying, at least a

portion of, the generated monitor tree on a graphical user interface of a visual

administrator, wherein the displayed portion of the generated monitor tree includes the

plurality of nodes", or "including providing access through the graphical user interface to

monitoring information of each resource without requiring all monitoring data to be

reported to a central location".

However, Kekic disclosed: "wherein each node provides an individual report of

the resources associated with the monitor managed bean of the node (Col. 2, lines 33-

38), where the monitor tree enables distributed monitoring of the resources (Col. 2, lines

63-67) without requiring all monitoring data to be reported to a central location (Col. 2,

lines 33-41, agent processes monitor and control the operation of the network element

by maintaining a MIB)",

"and displaying, at least a portion of, the generated monitor tree on a graphical

user interface of a visual administrator, wherein the displayed portion of the generated

monitor tree includes the plurality of nodes (Col. 5, lines 47-51 and Figure 3B, object

305)", and

"including providing access through the graphical user interface to monitoring

information of each resource (Col. 2, lines 39-41, where the SNMP manager can make

requests for monitored information, and Col. 5, lines 40-44, where a network element is

presented to a user through GUI, so the user can see a visual representation of the

components of the computer network element) without requiring all monitoring data to

be reported to a central location (Col. 2, lines 33-35, agent processes monitor and

control the operation of the network element by maintaining a MIB)".

It would have been obvious to one of ordinary skill in the art at the time of the

invention to modify the server administration system of Viswanath with the teachings of

Kekic to include support for each node to provide an individual report of its resources

without requiring all monitoring data to be reported to a central location. Motivation to

combine these references comes from Kekic where: "SNMP is an industry standard for

managing heterogeneous TCP/IP-based computer network elements from a single

management application" (Col. 1, lines 63-65). SNMP includes agents, as described by

Kekic Col. 2, lines 33-41, which maintain a database reflecting the status of the network element. Therefore by combining the references, the server administration system of Viswanath can use industry standards for managing heterogeneous TCP/IP-based computer networks.

7.   With respect to Claim 24, Viswanath disclosed: "A system (Abstract, line 1) comprising:

a means for accessing a file in a database ([0065], lines 9-12, specifically "database-based", and [0025], lines 1-5, in order to use the meta-information, the administration framework generator mechanism must access the meta information), the file having semantics and directives to generate a monitor tree ([0025], lines 12-18) for a monitoring system compatible with Java management extensions (JMX) ([0120], lines 1-3) to individually monitor a plurality of resources within the network ([0128], lines 1-4 and Abstract, lines 5-7), where the semantics and directives define a hierarchical architecture ([0063], second col., lines 1-8) of a plurality of resources of a cluster of application servers ([0046], lines 1-3 and [0053], lines 1-3) spanning multiple Java virtual machines (JVMs) ([0030], lines 1-5), the semantics defining information about the monitor tree, monitor managed beans, and resources to be monitored ([0025], lines 1-6 and 12-18), and the directives defining how the semantics are to be implemented to form the monitor tree ([0025], lines 1-6 and 12-18), wherein the cluster of application servers includes multiple application server instances ([0057], lines 13-16) and a central services instance that provides communication and synchronization among the multiple

application server instances ([0030], lines 5-8, and [0154], lines 7-13, where the central

services instance is an administration server which provides communication and

synchronization among the application servers);

a means for generating the monitor tree based, at least in part, on the semantics

and the directives of the file ([0025], lines 1-6), the monitor tree to monitor the plurality

of resources ([0025], lines 14-18, where an hierarchical relationship implies a plurality of

nodes), wherein the monitor tree includes a hierarchical grouping of a plurality of nodes

([0025], lines 1-6 and 14-18, where elements have hierarchical relationships), each of

the plurality of nodes having a monitor managed bean and a resource of the plurality of

resources associated with the monitor managed bean ([0024], lines 8-14 and [0021],

lines 1-2) and a runtime bean associated with the resource that interfaces the resource

with the monitor managed bean ([0127], lines 9-16 and Fig. 6)" and

"each of the plurality of nodes having a monitor managed bean and a resource of

the plurality of resources associated with the monitor managed bean ([0024], lines 8-

14)".

Viswanath did not explicitly state: "wherein each node provides an individual

report of the resources associated with the monitor managed bean of the node, where

the monitor tree enables distributed monitoring of the resources without requiring all

monitoring data to be reported to a central location", or "and a means for displaying, at

least a portion of the generated monitor tree on a graphical user interface of a visual

administrator, wherein the displayed portion of the generated monitor tree includes a

plurality of nodes", or "including providing access through the graphical user interface to

monitoring information of each resource without requiring all monitoring data to be

reported to a central location".

However, Kekic disclosed: "wherein each node provides an individual report of

the resources associated with the monitor managed bean of the node (Col. 2, lines 33-

38), where the monitor tree enables distributed monitoring of the resources (Col. 2, lines

63-67) without requiring all monitoring data to be reported to a central location (Col. 2,

lines 33-41, agent processes monitor and control the operation of the network element

by maintaining a MIB)",

"and a means for displaying, at least a portion of, the generated monitor tree on

a graphical user interface of a visual administrator, wherein the displayed portion of the

generated monitor tree includes the plurality of nodes (Col. 5, lines 47-51 and Figure

3B, object 305)", and

"including providing access through the graphical user interface to monitoring

information of each resource (Col. 2, lines 39-41, where the SNMP manager can make

requests for monitored information, and Col. 5, lines 40-44, where a network element is

presented to a user through GUI, so the user can see a visual representation of the

components of the computer network element) without requiring all monitoring data to

be reported to a central location (Col. 2, lines 33-35, agent processes monitor and

control the operation of the network element by maintaining a MIB)".

It would have been obvious to one of ordinary skill in the art at the time of the

invention to modify the server administration system of Viswanath with the teachings of

Kekic to include support for each node to provide an individual report of its resources

without requiring all monitoring data to be reported to a central location. Motivation to

combine these references comes from Kekic where: "SNMP is an industry standard for

managing heterogeneous TCP/IP-based computer network elements from a single

management application" (Col. 1, lines 63-65). SNMP includes agents, as described by

Kekic Col. 2, lines 33-41, which maintain a database reflecting the status of the network

element. Therefore by combining the references, the server administration system of

Viswanath can use industry standards for managing heterogeneous TCP/IP-based

computer networks.

8.   With respect to Claim 29, Viswanath disclosed: "An article of manufacture

(Abstract, line 1) comprising: an electronically accessible medium providing instructions

that, when executed by an apparatus, cause the apparatus to

        access a file in a database ([0065], lines 9-12, specifically "database-based", and

[0025], lines 1-5, in order to use the meta-information, the administration framework

generator mechanism must access the meta information), the file having semantics and

directives to generate a monitor tree ([0025], lines 12-18) for a monitoring system

compatible with Java management extensions (JMX) ([0120], lines 1-3) to individually

monitor a plurality of resources within the network ([0128], lines 1-4 and Abstract, lines

5-7), where the semantics and directives define a hierarchical architecture ([0063],

second col., lines 1-8) of a plurality of resources of a cluster of application servers

([0046], lines 1-3 and [0053], lines 1-3) ;

generate the monitor tree based, at least in part, on the semantics and the directives of the file ([0025], lines 1-6), the monitor tree to monitor the plurality of resources ([0025], lines 14-18, where an hierarchical relationship implies a plurality of nodes), wherein the monitor tree includes a hierarchical grouping of a plurality of nodes ([0025], lines 1-6 and 14-18, where elements have hierarchical relationships), each of the plurality of nodes having a monitor managed bean and a resource of the plurality of resources associated with the monitor managed bean ([0024], lines 8-14 and [0021], lines 1-2) and a runtime bean associated with the resource that interfaces the resource with the monitor managed bean ([0127], lines 9-16 and Fig. 6)" and

"each of the plurality of nodes having a monitor managed bean and a resource of the plurality of resources associated with the monitor managed bean ([0024], lines 8-14)".

Viswanath did not explicitly state: "wherein each node provides an individual report of the resources associated with the monitor managed bean of the node, where the monitor tree enables distributed monitoring of the resources without requiring all monitoring data to be reported to a central location", or "and displaying, at least a portion of, the generated monitor tree on a graphical user interface of a visual administrator, wherein the displayed portion of the generated monitor tree includes the plurality of nodes", or "including providing access through the graphical user interface to monitoring information of each resource without requiring all monitoring data to be reported to a central location".

However, Kekic disclosed: "wherein each node provides an individual report of the resources associated with the monitor managed bean of the node (Col. 2, lines 33-38), where the monitor tree enables distributed monitoring of the resources (Col. 2, lines 63-67) without requiring all monitoring data to be reported to a central location (Col. 2, lines 33-41, agent processes monitor and control the operation of the network element by maintaining a MIB)",

"and display, at least a portion of, the generated monitor tree on a graphical user interface of a visual administrator, wherein the displayed portion of the generated monitor tree includes the plurality of nodes (Col. 5, lines 47-51 and Figure 3B, object 305)", and

"including providing access through the graphical user interface to monitoring information of each resource (Col. 2, lines 39-41, where the SNMP manager can make requests for monitored information, and Col. 5, lines 40-44, where a network element is presented to a user through GUI, so the user can see a visual representation of the components of the computer network element) without requiring all monitoring data to be reported to a central location (Col. 2, lines 33-35, agent processes monitor and control the operation of the network element by maintaining a MIB)".

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the server administration system of Viswanath with the teachings of Kekic to include support for each node to provide an individual report of its resources without requiring all monitoring data to be reported to a central location. Motivation to combine these references comes from Kekic where: "SNMP is an industry standard for managing

heterogeneous TCP/IP-based computer network elements from a single management

application" (Col. 1, lines 63-65). SNMP includes agents, as described by Kekic Col. 2,

lines 33-41, which maintain a database reflecting the status of the network element.

Therefore by combining the references, the server administration system of Viswanath

can use industry standards for managing heterogeneous TCP/IP-based computer

networks.

9.   With respect to Claim 2, the combination of Viswanath and Kekic disclose: "The

system of claim 1, wherein the monitoring system is a Java management extensions

(JMX) - based monitoring system (Viswanath, [0120], lines 1-3)".

10.   With respect to Claim 3, the combination of Viswanath and Kekic disclose: "The

system of claim 2, wherein the visual administrator module comprises: a convenience

interface to obtain information from the monitor service (Viswanath, [0046], lines 15-19);

and a graphical user interface to provide a graphical representation of the monitor tree

based, at least in part, on the information obtained by the convenience interface (Kekic,

Col. 5, lines 40-51)".

11.   With respect to Claims 4, 14, 25, and 30 the combination of Viswanath and Kekic

disclosed: "wherein the graphical user interface is to provide a window pane to display,

at least a portion of, the graphical representation of the monitor tree (Kekic, Col. 5, lines

47-51 and Figure 3B, object 305)".

12.   With respect to Claims 15, 26, and 31 the combination of Viswanath and Kekic

disclosed: "further comprising: selecting one of the plurality of nodes (Kekic, Col. 24,

lines 22-27) the selected node having a monitor managed bean and a resource of the

plurality of resources associated with the monitor managed bean (Viswanath, [0021],

lines 1-7)".

13.   With respect to Claims 5, 16, and 27 the combination of Viswanath and Kekic

disclosed: "wherein the graphical user interface is to further provide a second window

pane to display a list of one or more properties for at least one of the plurality of nodes

of the monitor tree (Kekic, Col. 23, lines 45-48 and Figures 6A and 6B, Object 603)".

14.   With respect to Claims 6, 17, and 28 the combination of Viswanath and Kekic

disclosed: "wherein the list of one or more properties includes one or more key-value

pairs, each key-value pair having a key to identify a listed property and a corresponding

value to specify a current value of the identified property (Kekic, Figure 3B, under the

heading "Status of "a_hotspot"", "Attribute Name" heading and "Value" heading)".

15.   With respect to Claim 7, the combination of Viswanath and Kekic disclosed: "The

system of claim 4, wherein the graphical user interface is to select one of the plurality of

nodes of the graphical representation of the monitor tree (Kekic, Col. 23, lines 43-48)

the selected node having a monitor managed bean (Viswanath [0119], lines 1-7)".

16.   Claims 8-12, 18-23, and 32 are rejected under 35 U.S.C. 103(a) as being

unpatentable over Viswanath in view of Kekic as applied to claims 7, 15, and 30

above, and further in view of Fuchs (US 2003/0177477 A1).

17.   With respect to Claims 8 and 18, the combination of Viswanath and Kekic

disclose: "wherein the graphical user interface is to further provide a second window

pane having an attribute tab (Kekic, Figure 3B, under the heading "Status of

"a_hotspot"", and Col. 24, lines 12-13)".

        The combination of Viswanath and Kekic do not disclose: "and an operation tab".

        However, Fuchs disclosed: "and an operation tab ([0093] to [0095], specifically

[0095], where each MBean management interface comprises operations)".

        It would have been obvious to one of ordinary skill in the art at the time of the

invention to modify the server administration system of Viswanath in view of Kekic with

the teachings of Fuchs to include support for a interface having an operations tab.

Motivation to combine these references comes from Kekic, "As a user looks at the

visual display in the graphic user interface, the user is provided the same visual

information as if the user where physically present at the location of the managed

computer network element. Thus, at a glance, a user can obtain considerable

information about the status of the computer network element as represented by the

visual display (Abstract, lines 26-32)". Therefore by combining the server administration

system of Viswanath in view of Kekic with the operations interface of Fuchs, a user can

obtain operations information about a managed element at a glance.

18.   With respect to Claims 9 and 19, the Claim is rejected for the same reasons as

Claims 8 and 18 above.

        In addition, Kekic disclosed: "wherein the second window pane is to display a list

of one or more attributes of the monitor managed bean, if the attribute tab is selected

(Kekic, Figure 3B, under the heading "Status of "a_hotspot"", and Col. 24, lines 12-13)".

19.   With respect to Claims 10 and 20, the Claim is rejected for the same reasons as

Claims 8 and 18 above.

        In addition, Kekic disclosed: "wherein at least one of the listed attributes includes

a value field specifying a current value of the listed attribute (Col. 24, lines 12-13, and

Figure 3B, under the heading "Status of "a_hotspot"", the Table column of Value)".

20.   With respect to Claim 21, the Claim is rejected for the same reasons as Claim 18

above.

        In addition, the combination of Viswanath and Kekic disclosed: "The method of

claim 20, further comprising: "entering a value (Viswanath, [0124], lines 15-19) listed in

the value field (Kekic, Col. 24, lines 12-13 and lines 18-20 and Figure 6B, object 603) to

specify a new value for the attribute (Viswanath, [0069], lines 4-5, specifically the set

command)".

21.   With respect to Claims 11 and 22, the Claims are rejected for the same reasons as Claims 8 and 18 above.

 In addition, Fuchs disclosed: "wherein the second window pane is to display a list of one or more operations of the monitor managed bean, if the operation tab is selected ([0093] to [0095], specifically [0095], where each MBean management interface comprises operations)".

22.   With respect to Claims 12 and 23, the Claims are rejected for the same reasons as Claims 8 and 18 above.

 In addition, Kekic disclosed: "wherein the second pane is to display an invoke button to selectively invoke (Col. 55, lines 44-45, and Figure 6B, object 606, specifically button "Edit Value")";

 and, Fuchs disclosed: "listed operations of the monitor managed bean ([0093] to [0095], specifically [0095], where each MBean management interface comprises operations)".

23.   With respect to Claim 32, the combination of Viswanath and Kekic disclose: "The article of manufacture of claim 30, wherein the electronically accessible medium provides further instructions that, when executed by the apparatus, cause the apparatus to display a second window pane having an attribute tab (Kekic, Col. 24, lines 12-13)", and "and display a list of one or more attributes of the monitor managed bean

(Viswanath, [0021], lines 1-7), if the attribute tab is selected (Kekic, Col. 24, lines 12-13)".

The combination of Viswanath and Kekic do not disclose: "and an operation tab".

However, Fuchs disclosed: "and an operation tab ([0093] to [0095], specifically [0095], where each MBean management interface comprises operations)".

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the server administration system of Viswanath in view of Kekic with the teachings of Fuchs to include support for a interface having an operations tab. Motivation to combine these references comes from Kekic, "As a user looks at the visual display in the graphic user interface, the user is provided the same visual information as if the user where physically present at the location of the managed computer network element. Thus, at a glance, a user can obtain considerable information about the status of the computer network element as represented by the visual display (Abstract, lines 26-32)". Therefore by combining the server administration system of Viswanath in view of Kekic with the operations interface of Fuchs, a user can obtain operations information about a managed element at a glance.

Response to Arguments

24.   Applicant's arguments filed 2 September 2008 have been fully considered but they are not persuasive.

Applicant argues: "Kekic fails to disclose a system-level hierarchical relationship among monitored resources, and instead only shows a tree for local resources" (pg 11, lines 7-9). Examiner respectfully disagrees, Kekic shows a system-level hierarchical relationship among monitored resources, see for example Fig. 6A, 6B, object 305, and Col. 24, lines 28-41, where a user is checking different servers in the monitored and the system-level hierarchal monitor tree is displayed as object 305.

Furthermore, Viswanath disclosed a system-level hierarchical relationship among monitored resources: "there is a hierarchical relationship among the elements of the configuration data. In this embodiment, the elements and their hierarchical relationship are represented in the meta-information" ([0025], lines 15-18), where elements can be defined as: "The meta-information may describe elements to be administered and their attributes. For example, an element called "server" may have attributes such as name, locale(s), log-root, etc." ([0064], lines 11-14). The elements may be a server, and in a cluster of application servers (see [0053], Lines 1-3) this means a system-level hierarchal relationship among monitored resources.

25.   Applicant's arguments, see pg 11, line 24 – pg 12, line 3, with respect to claims 1-7, 13-17, 24-28 and 29-31 have been considered but are moot in view of the new ground(s) of rejection.

Applicant argues Viswanath does not disclose: "a JMX monitoring system, with a cluster of application servers that spans multiple JVMs" (pg 11, lines 25-26). Examiner

respectfully disagrees, Viswanath disclosed: a JMX monitoring system ([0120], lines 1-3), with a cluster of application servers that spans multiple JVMs ([0030], lines 1-5).

Applicant further argues: "a cluster of application servers has multiple server instances and a central services instance, which Applicants do not understand to be shown [in] the cited references" (pg 11, lines 28-30). Examiner respectfully disagrees, Viswanath disclosed: a cluster of application servers has multiple server instances ([0053], lines 1-3) and a central services instance ([0094], lines 1-8).

26.   Applicants arguments, see pg 12, lines 4-10, have been considered but are not persuasive. Applicant argues Viswanath and Kekic do not disclose the amended portion, and therefore Claims 8-12, 18-23 and 32 are allowable. Examiner respectfully disagrees, see rejections and arguments above.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MATTHEW S. LINDSEY whose telephone number is (571)270-3811. The examiner can normally be reached on Mon-Thurs 7-5, Fridays 7-12.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Follansbee can be reached on (571) 272-3964. The fax phone

number for the organization where this application or proceeding is assigned is 571-273-8300.

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MSL
11/05/2008

/John Follansbee/

Supervisory Patent Examiner, Art Unit 2451